Subject Index
(*Book review)

Active tutors 192
Amylase, expt 234
Antigens, peptide* 244
Apoptosis methods* 243
Autoimmune diseases* 127

Bacterial virulence* 74
Base pairs, expt 221
Bibliographic research 143
Binding by macromolecules* 211
Binding sites, expt 172
Biochemistry, history of* 185
Biochemistry, texts* 64, 116, 186, 237
Biochemist, what it means to be 21
Bioenergetics* 184
Biotechnology education, 46, 47, 113, 164, 228
Biotechnology encyclopaedia* 66
Biotechnological terms* 46
Biotransformation* 241
Blood sugar* 246
Blotting, nucleic acid* 69
Bohr effect 62
Brazil, progress in 149

Calvin Cycle 147
Carotenoids* 243
Cell adhesion* 68
Cell culture 228
Cells, video* 229
Chemistry for Biologists* 184, 185
Chloroplast, expt 179
Clinical biochemistry* 247, 240
Clinical lab science terminology* 63
Cloning, DNA* 244
Cloning, expt 54
Computer-assisted learning 31, 109, 160, 226
Computers and lab work 141
Coupled assay, expt 56
Curriculum changes in medical schools 92
Cystic fibrosis, video* 181
Cytokines, dictionary of* 72
Cytoskeleton* 242

Denaturation, expt 52
Denaturation, problem 154, 213
Disease, biology of* 239
Dictionary of molecular biology* 100
DNA, expt 230
DNA science* 72
DNA video* 125
Distance learning in biotechnology 165
Doctors, how much biochemistry 79, 82 85

Eden, Rivers of* 73
Editorials 1, 77, 131, 191
Education, theory of* 182
Electronic publication 210
ELISA, expt 50
Environmental biochemistry 215
Environmental management 113
Enzyme denaturation 154
Enzyme, expts 226
Enzyme inhibition 157
Enzyme kinetics 26, 63*, 106, 196
Essays in Biochemistry* 28, 126
Examination* 64
Extracellular matrix* 189

Facilitators 192
False statement question 98
Food biotechnology 114
Free radicals* 73, 74

Gene cloning* 40
Gene expression* 245
Gene therapy video* 181
General Medical Council 80
Glucose oxidation 207
Golden helix 115
Graphics workstation 32

Heterocyclic chemistry* 188
History of biochemistry* 185
Hong Kong, Manpower training in 45

Illustrations, preparing* 245
Immunology, expt 176
Inborn errors* 240
Infrared spectroscopy* 187
Inherited disease* 65

Laboratory work 132, 137, 141
Learning issue matrix 41
Lecture notes in medicine* 127
Leicester Medical School, New curriculum 88
Lexicon 75, 128, 169
Life, What is* 95, 115
Ligand binding* 74
Liverpool, Medical School 91

Malaysia, Workshop in 212
Marine biochemistry 77
Medical biochemistry* 237, 238, 239
Medical education* 246
Membranes* 71
Metabolic diseases* 240
Micelles* 71
Michaelis-Menten kinetics 26, 196
Microbiological biotechnology* 114
Microbiology, PBL 226

Molecular Biology Encyclopaedia* 66
Molecular Biology Problems 222
Molecular Biology Protocols* 68, 246
Molecular medicine* 127
Molecular models 120, 230
Molecular structure* 69
Molecular technology 3
Monitor 76, 129, 190, 245
Monoclonal antibodies 50

NMR Primer* 67
Nucleic acids* 242
Nucleic acid blotting* 69
Nutrition* 73

Obituary (Wyman) 74
Oncogene techniques* 64
Optical isomerism 99
Organic reactions* 187, 241
Oxidation 207
Oxidative phosphorylation 110
Oxidative stress* 74, 188

Parasitology* 188
PCR* 243
Peer tutoring 13
Peptides* 244
Photosynthesis 36
Polyphenol oxidase 157
Practical biochemistry 72
Problem based learning 36, 41, 77, 154, 192, 215, 222
Protein chemistry* 68
Protein denaturation 213
Protein science* 68
Protein structure 32
Protocols in molecular biology* 69
Proton transport, expt 179
Public, Press and Politicians 2

Questions, asking* 127

Reaction progress, expt 235
Research students, Tips for* 71
Respiratory control ratio 111
Restriction mapping, expt 117
Restriction mapping (CAL) 160

Scatchard plots, expt 172
Scientific writing* 126
Self-assessment* 183
Songbook, Biochemists* 31
Steady state hypothesis 102, 106
Stereochemistry numbering 29, 99
Stoichiometry of water 17, 207, 208
Students' learning* 232
Substrate level phosphorylation 17
Succinylation, expt 232

Teaching, humanity of* 70
Technology transfer 3
Terminology (Letter to Editor) 61
Thalassaemia 59
Transferrin, Mini Review 151
Tutorials, on glycolysis 21
Tutoring, by peers 13

Urea cycle 15, 124

Veterinary students teaching 96
Video reviews 45, 125, 181, 229
Virulence, Bacterial* 126

Workshop in Malaysia 212

Zymography, expt 170

Author Index

Abraham, L. J. 212
Agabian, N. 3
Alvarez, C. 78
Ambasht, P. K. 56
Arnaud, A. L. 228

Baranzini, S. 143
Barnes, M. F. 110
Belli, A. 3
Bergesse, J. R. 96
Bordbar, A. K. 172
Botrill, C. 59
Burdett, K. 90
Burgess, S. K. 230

Cadet, F. 36, 154, 157
Calogero, R. A. 160
Candlish, J. K. 2
Carillo, D. 78
Carvalho, A. H. 228
Carroll, M. 13
Cheung, D. C. 47
Coelho, L. C. B. B. 149
Cohen, R. D. 80
Connelly, T. L. 230
Crankshaw, D. J. 192

Darvey, I. G. 106
Dennick, R. 85

Easterbrook-Smith, S. B. 50
El-Hazmi, M. A. F. 151
Engel, N. 143
Esquível, G. 176

Fajardo, I. 170
Ferreira, R. B. 176
Fouques, D. 232
Filho, J. L. L. 228

Garcia, M. B. 96
Geddes, A. J. 32
Gupthar, A. S. 98

Harris, E. 3
Harrison, T. M. 88
Heath, S. 59
Hector, T. 112
Ho, J. W. 179
Horiike, K. 17, 208
Hyde, K. 59

Iazzetti, G. 160
Ishida, T. 17, 208

Jenkins, R. O. 46, 112, 164, 165, 228
Jervis, L. 216
Johnston, J. M. 50

Kayastha, A. M. 56
Kirk, L. 226
Kiliç, N. 151

Lal, A. K. 56
Lalitha, J. 52, 234
Leach, J. T. 21
Leach, C. K. 165
Ledingham, W. M. 228
Lissi, E. A. 102
Llesuy, S. 102
Lo, Y. L. 47

Manchester, K. 213
Malhotra, O. P. 56
Martin, N. H. 230
Martins-Silva, J. 235
McKenzie, G. 137
Medina, M. A. 170
Melo, E. H. M. 228
Mendive, F. 143
Mezl, V. A. 99
Mezl, V. A. 29
Mikelsaar, R.-H. 120
Mitchell, R. A. 207
Miura, R. 17, 208
Moosavi-Movahedi, A. A. 172
Moreland, B. H. 79
Moreland, B. 92
Morgulis, L. 94
Morris, P. 216
Morton, J. D. 110
Mulimani, V. H. 52, 234

Novak, N. 26
Nozaki, M. 17

Pachón, J. M. 170
Pamula, F. 141
Parslow, G. R. 31, 109, 160, 226
Patil, M. B. 15
Peretó, J. G. 147
Perez-Pons, J. A. 54
Po, E. S-M. 179
Prabhaker, P. 56
Prvan, T. 196
Querol, E. 54
Quesada, A. R. 170

Ralet, M.-C. 232
Rangachari, P. K. 192
Rathmell, S. K. 50
Reynolds, W. R. 230
Richards, J. 59
Ritchie, R. J. 196
Rivarola, V. A. 96
Robert, C. 154, 157
Rodríguez-Agudo, 170
Ryder, J. 21

Saboury, A. A. 172
Sagan, D. 94
Saldanha, C. 235
Sansom, C. E. 32
Shaw, D. F. 210
Shastri, N. V. 15
Silva, A. C. 228
Simsek, M. 117
Smith, J. 91
Smith, C. A. 36, 77, 154, 215
Sorensen, R. 26
Souza, A. M. F. 149
Spiro, L. D. 230
Stekolschik, G. 143
Szeberényi, J. 222

Teixeira, A. R. 176
Tsang, J. C. 47

Vella, F. 94

Waller, D. A. 32
Warsy, A. S. 151
Waters, H. 59
Whelan, J. 212
Wheldrake, J. F. 141
White III, H. B. 41
Wigmore, G. J. 141
Wilson, M. R. 50
Wong, K. 47
Wood, E. J. 82, 132

Zyskoski, R. F. 110